

Title (en)
ANTIBODIES TO OLANZAPINE AND USE THEREOF

Title (de)
ANTIKÖRPER GEGEN OLANZAPIN UND VERWENDUNG DAVON

Title (fr)
ANTICORPS DIRIGÉS CONTRE L'OLANZAPINE ET LEUR UTILISATION

Publication
EP 2888590 B1 20200708 (EN)

Application
EP 13831110 A 20130820

Priority
• US 201261691645 P 20120821
• US 2013055826 W 20130820

Abstract (en)
[origin: US2014057304A1] Disclosed is an antibody which binds to olanzapine, which can be used to detect olanzapine in a sample such as in a competitive immunoassay method. The antibody can be used in a lateral flow assay device for point-of-care detection of olanzapine, including multiplex detection of aripiprazole, olanzapine, quetiapine, and risperidone in a single lateral flow assay device.

IPC 8 full level
C07K 16/44 (2006.01); **G01N 33/94** (2006.01)

CPC (source: CN EP US)
C07K 16/44 (2013.01 - CN EP US); **G01N 33/94** (2013.01 - CN EP US); **C07K 2317/54** (2013.01 - US); **C07K 2317/55** (2013.01 - US); **C07K 2317/56** (2013.01 - CN US); **C07K 2317/565** (2013.01 - CN US); **C07K 2317/622** (2013.01 - US); **C07K 2317/626** (2013.01 - US); **G01N 2800/302** (2013.01 - CN US)

Citation (examination)
• EP 2233503 A1 20100929 - SEKISUI MEDICAL CO LTD [JP], et al
• WO 2008050341 A2 20080502 - UNIV RAMOT [IL], et al
• WO 2004014895 A1 20040219 - LILLY CO ELI [US], et al
• IAIN GARDNER ET AL: "A Comparison of the Covalent Binding of Clozapine and Olanzapine to Human Neutrophils In Vitro and In Vivo", MOLECULAR PHARMACOLOGY, 1 June 1998 (1998-06-01), United States, pages 999, XP055641749, Retrieved from the Internet <URL:https://pdfs.semanticscholar.org/cc1a/ba898ab6b2c8f8afaa8f1cf369c2c738f99b.pdf> [retrieved on 20191112]
• POORNACHANDER THATIPALLI: "Synthesis and characterization of impurities of an anti-psychotic drug substance, Olanzapine", ARKIVOC, vol. 2008, no. 11, 17 February 2008 (2008-02-17), pages 195, XP055081301, ISSN: 1551-7004, DOI: 10.3998/ark.5550190.0009.b19

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
US 2014057304 A1 20140227; US 9494608 B2 20161115; AU 2013305901 A1 20150305; AU 2013305901 B2 20171026;
AU 2018200541 A1 20180215; AU 2018200541 B2 20190926; AU 2019283820 A1 20200116; AU 2019283820 B2 20220407;
CA 2882596 A1 20140227; CA 2882596 C 20190514; CN 104755928 A 20150701; CN 104755928 B 20170510; CN 107253993 A 20171017;
CN 107253993 B 20211022; EP 2888590 A2 20150701; EP 2888590 A4 20160413; EP 2888590 B1 20200708; ES 2807902 T3 20210224;
HK 1212033 A1 20160603; JP 2015529202 A 20151005; JP 2018039787 A 20180315; JP 2019104725 A 20190627; JP 6216926 B2 20171025;
JP 6442008 B2 20181219; PL 2888590 T3 20201130; PT 2888590 T 20200911; US 10344098 B2 20190709; US 11046786 B2 20210629;
US 2017037152 A1 20170209; US 2019315885 A1 20191017; WO 2014031662 A2 20140227; WO 2014031662 A3 20140424

DOCDB simple family (application)
US 201313971536 A 20130820; AU 2013305901 A 20130820; AU 2018200541 A 20180123; AU 2019283820 A 20191217;
CA 2882596 A 20130820; CN 201380054975 A 20130820; CN 201710231010 A 20130820; EP 13831110 A 20130820;
ES 13831110 T 20130820; HK 15112819 A 20151230; JP 2015528597 A 20130820; JP 2017155035 A 20170810; JP 2018218887 A 20181122;
PL 13831110 T 20130820; PT 13831110 T 20130820; US 2013055826 W 20130820; US 201615299058 A 20161020;
US 201916443602 A 20190617